GE Series 90-70 Series Service Manual

IC697PWR721

1. Description

The GE Fanuc Automation IC697PWR721 power supply module provides a power supply rating of 90 Watts and it can be externally connected to a compatible rack. It requires the use of a PSA module.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Series 90-70**
Part	**Number IC697PWR721**
Type	**Power supply module**
Nominal	**input voltage 24 VDC**
Range	**21-32 VDC**
Power	**156 Watts**
Inrush	**Energy 22 J at 32 VDC.**
Output	**power 90 Watts maximum**
Voltage	**regulation 5, 12, and -12 VDC**
Overvoltage	**limit 6 to 7 Volts**
Temperature	**0-60 degrees Celsius**
Shock	**15 G for 11 msec**
The	**GE Fanuc Automation IC697PWR721 power supply module has been included in the Series 90-70 product line of GE PLCs and it is fully compatible with the GE IC697 racks and WME integrated racks. The main function of this power supply module is to provide regulated DC power output as well as a TTL. This TTL consists of a TTL-compatible logic shut-down signal. This means that for the power supply module can operate correctly, it needs to be attached to a power supply adapter module that is plugged into the power supply slot in the rack. This module will join the power supply module outputs and the rack backplane to monitor the TTLS signal. The GE Fanuc Automation**

3. Product Information

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Technical specifications for IC697PWR721

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Series Series 90-70

Part Number IC697PWR721

Type Power supply module

Nominal input voltage 24 VDC

Range 21-32 VDC

Power 156 Watts

Inrush Energy 22 J at 32 VDC.

Output power 90 Watts maximum

Voltage regulation 5, 12, and -12 VDC

Overvoltage limit 6 to 7 Volts

Temperature 0-60 degrees Celsius

Shock 15 G for 11 msec

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The GE Fanuc Automation IC697PWR721 power supply module comes with a nominal input voltage rating of 24 Volts DC and the operating voltage ranges from 21 to 32 Volts DC. The output power of the module consists of 156 Watts maximum at its full load and the power supply module has an inrush energy rating of 22 Joules maximum at 32 Volts DC voltage. For its output options, the power supply module has an output power rating of 90 Watts maximum and a voltage current regulation rating of 5, 12, and -12 Amps with respective current ratings of 16.5, 1.5, and 1 Amps. The GE Fanuc Automation IC697PWR721 power supply module has an overvoltage limit of 6 to 7 Volts and it can operate within an ambient air temperature range of 0 to 60 degrees Celsius.